INDEX TO AMERICAN MYCOLOGICAL LITERATURE

Allard, H. A. The mosaic disease of tomatoes and petunias. Phytopathology **6**: 328–335. *f. 1, 2.* 12 S 1916.

Atkinson, G. F. The development of *Lepiota cristata* and *L. seminuda.* Mem. N. Y. Bot. Gard. **6**: 209–228. *pl. 21–26.* 31 Au 1916.

Atkinson, G. F. Homology of the "universal veil" in *Agaricus.* Myc. Centralb. **5**: 1–19. *pl. 1–3.* 1914.

Blakeslee, A. F. Lindner's roll tube method of separation cultures. Phytopathology **5**: 68–70. *pl. 7.* F 1915.

Boyce, J. S. Spore variation in *Neopeckia Coulteri.* Phytopathology **6**: 357–359. 12 S 1916.

Bruner, S. C. A new species of *Endothia.* Mycologia **8**: 239–242. *pl. 192.* 14 S 1916.

Brown, P. E. Bacterial activities and crop production. Iowa Agr. Exp. Sta. Research Bull. *25*: 359–388. Jl 1915.

Buller, A. H. R. Micheli and the discovery of reproduction in fungi. Trans. Roy. Soc. Canada—III. 9^4: 1–25. *pl. 1–3.* Je 1915.

Cook, M. T., & Schwarze, C. A. Two interesting diseases of greenhouse tomatoes. Phytopathology **6**: 364–366. *f. 1.* 12 S 1916.

Davis, J. J. Notes on parasitic fungi in Wisconsin—I. Trans. Wisconsin Acad. Sci. **18**: 78–92; II. 93–109; III. 251–271. 1915.

Includes descriptions of twenty-five new species.

Diehl, W. W. Notes on an artificial culture of *Rhizoctonia crocorum.* Phytopathology **6**: 336–340. *f. 1.* 12 S 1916.

Edson, H. A. Histological relations of sugar-beet seedlings and *Phoma betae.* Jour. Agr. Research **5**: 55–58. *pl. 1–2.* 4 O 1915.

Faull, J. H. *Chondromyces Thaxteri,* a new Myxobacterium. Bot. Gaz. **62**: 226–232. *pl. 5, 6.* 15 S 1916.

Fink, B. Hermann Edward Hasse—lichenist. **Mycologia 8**: 243–248. *pl. 193.* 14 S 1916.

Fromme, F. D. Facultative heteroecism (?) of *Peridermium Harknessii* and *Cronartium quercus.* Phytopathology **6**: 411, 412. O 1916.

Graff, P. W. Bibliography and new species of Philippine fungi. Mycologia **8**: 253–288. 14 S 1916.

Graff, P. W. Philippine Basidiomycetes—II. Philip. Jour. Sci. **9**: (Bot.) 235–254. *pl. 2.* 1914.

Includes new species in *Lepiota, Tricholoma, Lentinus, Agaricus, Stropharia,* and *Coprinus.*

Graves, A. H. Chemotropic reactions in *Rhizopus nigricans.* Mem. N. Y. Bot. Gard. **6**: 323–331. 31 Au 1916.

Gregory, C. T. Studies on *Plasmopora viticola.* Rep. Internat. Cong. Viticulture **1915**: 126–150. *pl. 1–5.* San Francisco. Je 1916.

Haskell, R. J. Potato wilt and tuber rot caused by *Fusarium eumartii.* Phytopathology **6**: 321–327. *f. 1–3.* 12 S 1916.

Hotson, J. W. The longevity of *Bacillus amylovorus* under field conditions. Phytopathology **6**: 400–408. *f. 1–4.* O 1916.

Howitt, J. E., & Stone, R. E. Smuts and rusts of grain crops. Ontario Dept. Agr. Bull. *229*: 1–24. *f. 1–15.* F 1915.

Jones, L. R., Johnson, A. G., and Reddy, C. S. Bacterial blights of barley and certain other cereals. Science II. **44**: 432, 433. 22 S 1916.

Johnston, J. R. Phytopathological work in the tropics. Phytopathology **6**: 381–389. *f. 1.* O 1916.

Kellerman, K. F. Coöperation in the investigation and control of plant diseases. Mem. N. Y. Bot. Gard. **6**: 517. 31 Au 1916.

Kern, F. D. Japanese species of *Gymnosporangium.* Mem. N. Y. Bot. Gard. **6**: 245–252. 31 Au 1916.

Link, G. K. K. A physiological study of two strains of *Fusarium* in their causal relation to tuber rot and wilt of potato. Bot. Gaz. **62**: 169–209. 15 S 1916.

Löhnis, F., & Smith, N. R. Life cycles of the bacteria. Jour. Agr. Research **6**: 675–702. *pl. A–G* + *f. 1.* 31 Jl 1916.

Mains, E. B. The wintering of *Coleosporium solidaginis*. Phytopathology **6**: 371, 372. 12 S 1916.

Manns, T. F., & Taubenhaus, J. J. Streak: a bacterial disease of the sweet pea and clovers. Gard. Chron. III. **53**: 215, 216. *f. 96, 97.* 5 Ap 1913.

Matz, J. A method to induce sporulation in cultures of *Botryosphaeria berengiana*. Phytopathology **6**: 387–389. *f. 1.* O 1916.

Maublanc, A., & Rangel, E. Alguns fungos do Brazil. Novos ou mal conhecidos. A Lavoura **18**: 19–32. *pl. 4–9.* Ap 1914.
Includes eight new species of Pyrenomycetes, twenty-five new species and two new genera of the Fungi Imperfecti.

McCubbin, W. A. The white pine blister rust in Canada. Ann. Rept. Quebec Soc. for Protection of Plants from Insect and Fungous Diseases **8**: 64–72. 1916. [Illust.]

Meinecke, E. P. Forest pathology in forest regulation. U. S. Dept. Agr. Bull. *275*: 1–62. 7 Ap 1916.

Melchers, L. E. Smuts of grain and forage crops in Kansas. Kansas Agr. Exp. Sta. Bull. *210*: 1–38. *f. 1–20.* Ja 1916.

Melhus, I. E. Hibernation of *Phytophthora infestans* of the Irish potato. Jour. Agr. Research **5**: 71–102. *pl. 4–8* + *f. 1–3.* 11 O 1915.

Melhus, I. E. Perennial mycelium in species of Peronosporaceae related to *Phytophthora infestans*. Jour. Agr. Research **5**: 59–70. *pl. 3* + *f. 1.* 11 O 1915.

Morse, W. J. Further observations relative to the ability of the apple scab fungus to live over winter on young twigs. Maine Agr. Exp. Sta. Bull. *252*: 191, 192. My 1916.

Morse, W. J. Two apple-leaf troubles new to Maine. Maine Agr. Exp. Sta. Bull. *252*: 186–190. *f. 26, 27.* My 1916.
Chlorosis and silver leaf.

Murrill, W. A. Illustrations of fungi—XXV. Mycologia **8**: 231–234. *pl. 190.* 14 S 1916.
Venenarius solitarius, V. glabriceps, V. phalloides, Vaginata albocreata, and *Lepiota aspera* are illustrated.

O'Gara, P. J. A bacterial disease of western wheat-grass, *Agropyron Smithii*. Occurrence of a new type of bacterial disease in American Phytopathology **6**: 341–350. *pl. 9–13*. 12 S 1916.
Aplanobacter Agropyri sp. nov.

Orton, C. R. North American species of *Allodus*. Mem. N. Y. Bot. Gard. **6**: 173–208. 31 Au 1916.
Includes descriptions of four new species.

Overholts, L. O., & Overholts, M. F. Some Kentucky fungi. Mycologia **8**: 249–252. 14 S 1916.

Patterson, F. W., & Charles, V. K. The occurrence of bamboo smut in America. Phytopathology **6**: 351–356. *f. 1*. 12 S 1916.

Pratt, O. A. Control of the powdery dryrot of western potatoes caused by *Fusarium trichothecioides*. Jour. Agr. Research **6**: 817–832. *pl. 108*. 21 Au 1916.

Rangel, E. Fungos parasitas do guando *Cajanus indicus* Spreng. A Lavoura **18**: 5–12. *pl. 1–3*. Ap 1914.
Includes *Vellosiella* gen. nov., *Cercospora instabilis, Colletotrichum Cajani, Phyllosticta Cajani,* and *Phoma Cajani,* spp. nov. The same article is also published in French, pp. 12–18 in the same number of this journal.

Reddick, D. Powdery mildew of grapes and its control in the United States. Rep. Internat. Cong. Viticulture **1915**: 117–125. Je 1916.

Roberts, J. W. Sources of the early infections of apple bitter-rot. Jour. Agr. Research **4**: 59–64. *pl. 7*. 15 Ap 1915.

Schmitz, H. Preliminary note on the occurrence of *Peridermium balsameum* in Washington. Phytopathology **6**: 369–371. *f. 1, 2*. 12 S 1916.

Schmitz, H. Some observations on witches-brooms of cherries. Plant World **19**: 239–242. Au 1916.

Schneider, A. A parasitic Saccharomycete of the tomato. Phytopathology **6**: 395–399. *f. 1–4*. O 1916.

Seaver, F. J. Photographs and descriptions of cup-fungi—IV. *Peziza clypeata*. Mycologia **8**: 235–238. *pl. 191*. 14 S 1916.

Seaver, F. J. Bermuda fungi. Mem. N. Y. Bot. Gard. **6**: 501–511. 31 Au 1916.
Includes *Ascophanus bermudensis, Calonectria Umbelliferarum, C. granulosa,* and *Nectria Lantanae,* spp. nov.

Shreve, E. B. An analysis of the cause of variations in the transpiring power of Cacti. Physiol. Researches **2**: 73–127. *f. 1–10.* S 1916.

Stakman, E. C., & Piemeisel, F. J. Infection of timothy by *Puccinia graminis.* Jour. Agr. Research **6**: 813–816. 21 Au 1916.

Stevens, F. L. The genus *Meliola* in Porto Rico. Illinois Biol. Mon. 2: 1–86. *pl. 1–5.* Ap 1916.

"Includes descriptions of sixty new species and varieties and a synopsis of all known Porto Rican forms."

Stevens, F. L. A convenient, little-known method of making micromounts of fungi. Phytopathology **6**: 367, 368. 12 S 1916.

Stevens, N. E. Pathological histology of strawberries affected by species of *Botrytis* and *Rhizopus.* Jour. Agr. Research **6**: 361–366. *pl. 49, 50.* 5 Je 1916.

Stuckey, H. P. Transmission of resistance and susceptibility to blossom-end rot in tomatoes. Georgia Agr. Exp. Sta. Bull. 121: 83–91. *f. 1–3.* Je 1916.

Sturgis, W. C. Notes on the Myxomycetes of the Curtis Herbarium. Mycologia **8**: 199–213. 15 Jl 1916.

Taubenhaus, J. J. A contribution to our knowledge of silver scurf (*Spondylocladium atrovirens* Harz) of the white potato. Mem. N. Y. Bot. Gard. **6**: 549–560. *pl. 41–43.* 31 Au 1916.

Taubenhaus, J. J., & Manns, T. F. Diseases of the sweet pea. Gard. Chron. III. **54**: 21–25. *f. 8–19.* 12 Jl 1913.

Tisdale, W. H. A *Melanconium* parasitic on tomato. Phytopathology **6**: 390–394. *f. 1–3.* O 1916.

Tisdale, W. H. Relation of soil temperature to infection of flax by *Fusarium lini.* Phytopathology **6**: 412, 413. O 1916.

Thaxter, R. New or critical species of *Chitonomyces* and *Rickia.* Proc. Am. Acad. Arts & Sci. **52**: 1–54. Je 1916.

Victorin, M. Mosses, hepatics and lichens of the quartzite hills of Kamouraska formation, Quebec, Canada. Bryologist **19**: 60–64. Jl 1916.

Waksman, S. A. Do fungi live and produce mycelium in the soil? Science II. **44**: 320–322. 1 S 1916.

Weir, J. R. *Keithia thujina,* the cause of a serious leaf disease of the western red cedar. Phytopathology **6**: 360–363. *f. 1, 2.* 12 S 1916.

Weir, J. R. *Phacidium infestans* on western conifers. Phytopathology **6**: 413, 414. 1916.

Weir, J. R. *Pinus ponderosa* and *P. Jeffreyi,* hosts for *Razoumofskya americana.* Phytopathology **6**: 414. O 1916.

Weir, J. R., & Hubert, E. E. A successful inoculation of *Abies lasiocarpa* with *Pucciniastrum pustulatum.* Phytopathology **6**: 373. 12 S 1916.

Weir, J. R., & Hubert, E. E. Successful inoculations of *Larix occidentalis* and *Larix europa* with *Melampsora bigelowii.* Phytopathology **6**: 372, 373. 12 S 1916.

Willis, M. A. A root disease of prunes. Phytopathology **6**: 368, 369. 12 S 1916.

Whetzel, H. H., *and others.* Ginseng diseases and their control. U. S. Dept. Agr. Farmers' Bull. 736: 1–22. *f. 1–26.* 17 Jl 1916.

Wolf, F. A. Citrus canker. Alabama Agr. Exp. Sta. Bull. 190: 91–100. *pl. 1, 2 + f. 1–6.* My 1916.